

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Larry S. Eoff et al.)	
)	
)	Art Unit: Unknown
)	
Serial No.:	unknown)	
)	
Filed:	concurrently herewith)	Examiner: Unknown
)	
For:	METHODS OF USING SEALANTS IN)	
	MULTILATERAL JUNCTIONS)	

INFORMATION DISCLOSURE STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

U. S. PATENTS

U.S. Patent No. 3,375,872 issued April 2, 1968 to H.C. McLaughlin et al.

U.S. Patent No. 4,042,032 issued August 16, 1977 to Buddy W. Anderson et al.

U.S. Patent No. 4,934,456 issued June 19, 1990 to Ahmad Moradi-Araghi.

U.S. Patent No. 5,273,115 issued December 28, 1993 to Stephen D. Spafford.

U.S. Patent No. 5,320,171 issued June 14, 1994 to Mary A.H. Laramay.

U.S. Patent No. 5,335,726 issued August 9, 1994 to Klein A. Rodrigues.

U.S. Patent No. 5,358,051 issued October 25, 1994 to Klein A. Rodrigues.

U.S. Patent No. 5,388,648 issued February 14, 1995 to Henry J. Jordan, Jr.

U.S. Patent No. 5,836,392 issued November 17, 1998 to Phillip Lance Urlwin-Smith.

U.S. Patent No. 5,873,413 issued February 23, 1999 to Jiten Chatterji et al.

U.S. Patent No. 5,875,844 issued March 2, 1999 to Jiten Chatterji et al.

U.S. Patent No. 5,875,845 issued March 2, 1999 to Jiten Chatterji et al.

U.S. Patent No. 5,875,846 issued March 2, 1999 to Jiten Chatterji et al.

U. S. Patent No. 5,911,282 issued June 15, 1999 to David D. Onan et al.

U.S. Patent No. 5,945,387 issued August 31, 1999 to Jiten Chatterji et al.

U.S. Patent No. 5,957,204 issued September 28, 1999 to Jiten Chatterji et al.

U.S. Patent No. 5,969,006 issued October 19, 1999 to David D. Onan et al.

U.S. Patent No. 6,006,836 issued December 28, 1999 to Jiten Chatterji et al.

U.S. Patent No. 6,012,524 issued January 11, 2000 to Jiten Chatterji et al.

U.S. Patent No. 6,059,035 issued May 9, 2000 to Jiten Chatterji et al.

U.S. Patent No. 6,059,036 issued May 9, 2000 to Jiten Chatterji et al.

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U.S. Patent No. 6,279,652 B1 issued August 28, 2001 to Jiten Chatterji et al.

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U.S. Patent No. 6,124,246 issued September 26, 2000 to James F. Heathman et al.

U.S. Patent No. 6,244,344 B1 issued June 12, 2001 to Jiten Chatterji et al.

U.S. Patent No. 6,271,181 B1 issued August 7, 2001 to Jiten Chatterji et al.

U.S. Patent No. 6,330,917 B2 issued December 18, 2001 to Jiten Chatterji et al.

U.S. Patent No. 6,350,309 B2 issued February 26, 2002 to Jiten Chatterji et al.

U.S. Patent No. 6,401,817 B1 issued June 11, 2002 to James E. Griffith et al.

U.S. Patent No. 6,448,206 B1 issued September 10, 2002 to James E. Griffith et al.

U.S. Patent No. 6,555,507 B2 issued April 29, 2003 to Jiten Chatterji et al.

U.S. Patent No. 6,593,402 B2 issued July 15, 2003 to Jiten Chatterji et al.

U.S. Patent No. 5,588,488 issued December 31, 1996 to Jan P. Vijn et al.

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Canadian Patent No. 2,063,877 published September 29, 1992.

OTHER MATERIAL

SPE 15547 entitled "Field Application of Lignosulfonate Gels To Reduce Channeling, South Swan Hills Miscible Unit, Alberta, Canada", by O.R. Wagner et al., dated 1986.

U.S. Patent Application Serial No. 10/394,898 filed March 21, 2003, entitled "Well Treatment Fluid and Methods with Oxidized Chitosan-Based Compound".

U.S. Patent Application serial No. 10/727,365, filed December 4, 2003, entitled "Well Treatment Fluid and Methods with Oxidized Polysaccharide-Based Polymers".

Halliburton brochure entitled "H₂ Zero™ Service Introducing the Next Generation of Cost-Effective Conformance Control Solutions" dated 2002.

Halliburton brochure entitled "INJECTROL® A Component" dated 1999.

Halliburton brochure entitled "INJECTROL® G Sealant" dated 1999.

Halliburton brochure entitled "INJECTROL® IT Sealant" dated 1999.

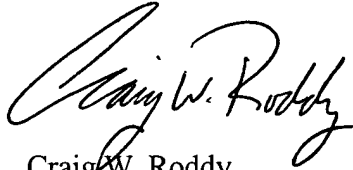
Halliburton brochure entitled "INJECTROL® Service Treatment" dated 1999.

Halliburton brochure entitled "INJECTROL® U Sealant" dated 1999.

Halliburton brochure entitled "Sanfix® A Resin" dated 1999.

Copies of the non-patent related references and Form PTO-1449 are submitted herewith.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Craig W. Roddy". The signature is fluid and cursive, with the first name "Craig" being the most prominent part.

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PTO-1449 Information Disclosure Citation in an Application				Application No.	Applicant(s):		
				Docket Number HES 2003-IP-009462U1	Group Art Unit		Filing Date
U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	1	3,375,872	04/02/68	McLaughlin, et al.	166	29	12/02/65
	2	4,042,032	08/16/77	Anderson, et al.	166	276	10/02/75
	3	4,934,456	06/19/90	Moradi-Araghi	166	270	03/29/89
	4	5,273,115	12/28/93	Spafford	166	281	07/13/92
	5	5,320,171	06/14/94	Laramay	166	285	10/09/92
	6	5,335,726	08/09/94	Rodrigues	166	295	10/22/93
	7	5,358,051	10/25/94	Rodrigues	166	295	10/22/93
	8	5,388,648	02/14/95	Jordan, Jr.	166	380	10/08/93
	9	5,836,392	11/17/98	Urlwin-Smith	166	295	08/05/97
	10	5,873,413	02/23/99	Chatterji, et al.	166	293	08/18/97
	11	5,875,844	03/02/99	Chatterji, et al.	166	293	02/26/98
	12	5,875,845	03/02/99	Chatterji, et al.	166	293	04/13/98
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	14	5,911,282	06/15/99	Onan, et al.	175	72	12/11/97
	15	5,945,387	08/31/99	Chatterji, et al.	507	224	06/23/97
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	17	5,969,006	10/19/99	Onan, et al.	523	166	02/20/98
	18	6,006,836	12/28/99	Chatterji, et al.	166	295	05/29/98
	19	6,012,524	01/11/00	Chatterji, et al.	166	295	04/14/98
	20	6,059,035	05/09/00	Chatterji, et al.	166	293	07/20/98
	21	6,059,036	05/09/00	Chatterji, et al.	166	294	11/26/97
	22	6,068,055	05/30/00	Chatterji, et al.	166	293	06/30/98
	23	6,069,117	05/30/00	Onan, et al.	507	202	08/20/99
	24	6,176,315B1	01/23/01	Reddy, et al.	166	295	12/04/98
	25	6,192,986	02/27/01	Urlwin-Smith	166	295	02/18/99
	26	6,196,317	03/06/01	Hardy	166	295	12/15/98
	27	6,209,644B1	04/03/01	Brunet	166	297	03/29/99
	28	6,231,664B1	05/15/01	Chatterji, et al.	106	724	03/08/00
	29	6,279,652B1	08/28/01	Chatterji, et al.	166	194	09/23/98
	30	6,321,841B1	11/27/01	Eoff, et al.	166	291	02/21/01
	31	6,367,549B1	04/09/02	Chatterji, et al.	166	292	09/21/01

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33	6,006,835	12/28/99	Onan, et al.	166	295	02/17/98
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38	6,350,309B2	02/26/02	Chatterji, et al.	106	677	02/13/01
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	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2063877	05/13/03	CANADA				

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)					DATE
1	U.S. Patent Application No. 10/394,898, filed March 21, 2003					
2	U.S. Patent Application No. 10/727,365, filed December 4, 2003					
3	SPE 15547 "Field Application of Lignosulfonate Gels To Reduce Channeling, South Swan Hills Miscible Unit, Alberta, Canada" by O. R. Wagner, et al.					1986
4	Halliburton brochure entitled "H ₂ Zero™ Service Introducing the Next Generation of Cost-Effective Conformance Control Solutions" dated 2002.					2002
5	Halliburton brochure entitled "INJECTROL® A Component" dated 1999.					1999
6	Halliburton brochure entitled "INJECTROL® G Sealant" dated 1999.					1999
7	Halliburton brochure entitled "INJECTROL® IT Sealant" dated 1999.					1999
8	Halliburton brochure entitled "INJECTROL® Service Treatment" dated 1999.					1999
9	Halliburton brochure entitled "INJECTROL® U Sealant" dated 1999.					1999
10	Halliburton brochure entitled "Sanfix® A Resin" dated 1999.					1999

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.